

ASBESTOS



K & M Asbestos Textile Plant, Meredith, New Hampshire

APRIL 1953



Thousands of dollars worth of fuel annually are saved by Thermalite 85% Magnesia pipe covering and block insulation. Not only does Thermalite have an exceptionally low thermal conductivity, but it is molded to exact, finished size — making possible the tight joints and snug fits that are necessary for maximum heat saving.

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For information on sizes, recommended thicknesses and recommended application procedure, write for Bulletin 4h.



Ehret Magnesia Manufacturing Co.

VALLEY FORGE, PENNSYLVANIA

"ASBESTOS"

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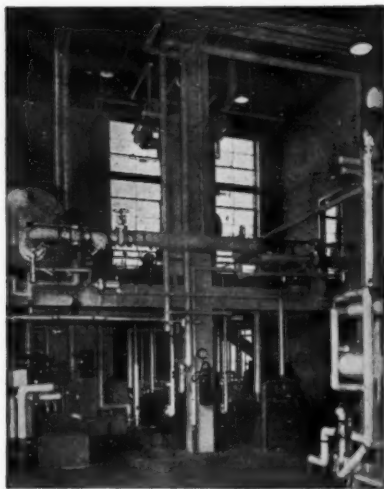
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ASPIRATING ASBESTOS FROM SCREENS

The final preparation of cleaning and grading the milled fibre is of great importance as it depends on the cleanness and proper graduation of the fibre into those classifications which the buyers call for, that the best selling prices can be obtained. Because information on the subject of the collection of asbestos fibre from screens, which represents that section of the final process of asbestos recovery, and by far the most important, is difficult to obtain in concise form, the following notes have been collected together from various sources.

The "shaking screen" is the mechanical device which is most used in asbestos milling. In Canadian practice, the screen consists of a wooden frame braced with cross bars in the form of a grid on which wire cloth or perforated metal plate is laid. The size of the screen varies, while those 5 ft. by 10 ft., or 6 ft. by 12 ft., are suitable in most places, others 3 ft. by 10 ft., or even 6 ft. by 18 ft. may be used. Side and upper end boards 4 in. to 6 in. high direct the flow. The screen is suspended or mounted on flexible supports, and is set with an inclination to the discharge end. A shaking or bumping motion is imparted by means of an eccentric drive. In addition to screening out the sand, the motion moves the mass forward, and causes the fibre to rise thru the rock fragments to the top layer from which it can be lifted by air suction. As the openings in the screen cloth or plate rapidly become clogged by minute particles of sand, various designs of tappers or beaters are operated on the cloth to keep it clean. At the best, however, only a small section of a screen is doing efficient work in eliminating sand at any one time, and much sand is carried to succeeding processes to the detriment of the fibre. This screen, being made in the mill, is inexpensive to build, and is operated at a low cost, especially when the driving mechanism is equipped with roller bearings.

As screening is one of the most important operations in a mill—and as usually practiced, the least efficient—many attempts have been and are being made to improve it. It has been found that by placing certain types of vibrating screens ahead of the shaking screen that an



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important portion of the sand is shaken out, the stone and fibre being bedded on the shaking screen, and at the same time, more sand eliminated. The rapid motion and short length of travel on a vibrating screen does not permit of effective bedding to bring the loose fibre to the top of the rock. It should therefore be followed by a shaking screen, from the end of which the fibre may be lifted. Sand is discarded at 8, 10, 12, or 16 mesh at different mills.

THE COLLECTION OF FIBRE

Preliminary. Before describing the process of "aspiration," the following information on air will be useful:

Weight of 1 cu. ft. Free Air at Varying Conditions				
Temp.	Weight of 1 cu. ft.			
deg.	Vol. of 1 lb.	Sea-level	2,500 ft.	5,000 ft.
Fahr.	cu. ft.	14.72 lb.	13.34 lb.	12.14 lb.
32	12.386	0.0807	0.0734	0.0713
40	12.587	0.0794	0.0722	0.0698
50	12.838	0.0779	0.0708	0.0683
60	13.089	0.0764	0.0695	0.0669
70	13.340	0.0750	0.0682	0.0667

Example: 1 cu. ft. of air at 60 deg. Fahr. at an altitude of 2,500 feet has a theoretical weight of 0.0695 lb. (Atmospheric pressure also varies with weather). The volume in cu. ft. at that temperature is 13.089.

In general practice it is reckoned that it requires 3 lb. of air to lift one pound of dirt, therefore at an altitude of 2,500 ft., it is safe to assume that under conditions of efficient design and operation, 1 lb. of dirt will require 40 cu. ft. of air.

Fibre segregated on the surface of a layer of rock fragments on the screen is removed thru suction hoods that operate on the principle of a vacuum cleaner. The opening of the suction hood is 3 to 4 inches wide and extends across the full width of the screen at its lower end.

The cross-section area of the narrow opening is the same as that of the pipe into which it converges. Large fans produce the necessary vacuum. The size motor required to drive a fan giving the necessary lifting power thru a pipe 15 inches in diameter is from 10 to 15 horse power.



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Our new, modern mill at Lowell, Vt., offers many grades of "Shorts" and "Floats" to meet special formulas of diverse manufacturers.

"Asbestos Floats" for use by Phenolic Plastic Manufacturers, where special grades are required for exclusive formulas, assure faster moulding with the least distortion in drying.

"Asbestos Floats" are used in manufacturing Filler Cement for use in applying Gypsum Board, where bulk and freeness of grit is essential. They supply advantages of a low-cost inorganic fibre, providing impact strength and good workability.

"Asbestos Shorts" are graded to meet manufacturers' requirements in production of Asphalt and Vinyl Floor Tile, Automobile Body Undercoating, Asphalt Paints and Plastics, Texture Paints and Adhesives, Asbestos Insulating Cement and other products.

For further information, write to —

**Executive Offices: 500 Fifth Avenue
New York 36, N. Y.**

The RUBEROID Co.

ASPHALT AND ASBESTOS BUILDING MATERIALS

According to Canadian practice, suspended at the discharge end of each screen, a few inches from the end, and just above the flow of material, is a hood made of galvanized iron. The section opening in length equals the width of the screen, and is itself 3 to 4 inches wide. At a height of 30 to 50 inches, depending on the width of screen, the hood converges to a pipe, 8, 12, 15, or 20 inches in diameter. This section of pipe in turn fits into a vertical pipe to which it is not attached. The hood is suspended on wires fitted with turn-buckles by means of which it may be raised or lowered or adjusted along the screen. The lower edges of the hood are equipped with flanges for directing the air current.

In mills of modern design the pipe from the hood leads to a collector, a container made of galvanized iron. The upper section of the collector is 5 to 7 feet in height and 56, 60, 70, 80, or 90 inches in diameter. The lower half is cone-shaped, 5 to 7 feet in height, and at the bottom converges to a discharge pipe 10, 12, 15, or 20 inches in diameter. The outlet pipe from this type of collector, which is known as "pull-thru", leads from the top to a fan, which for convenience of operation may be set at a distance from the collector. The fan, which is of a multi-blade Keith type, has a speed of from 750 to 900 r.p.m. and handles a volume of air from 25,000 to 45,000 c.f.m. A vacuum is created in the collector and the resultant suction lifts the fibre thru the hoods and piping to the collector. The pressure is regulated to give a resistance at the hood of from $\frac{3}{4}$ to $2\frac{1}{2}$ inch water gauge as required. The direction of flow of fibre into the collector and an arrangement of internal baffles cause the fibre to drop when the speed of the air current is reduced, while the air, carrying dust and floats, passes on to the exhaust, either the atmosphere or a dust chamber.

GRADING AND CLEANING

Fibre is dropped from the collectors to the graders thru lengths of pipe equipped with traps. Both flat and rotary screens are used for grading. Rotary screens may be operated at slow speed to handle a small quantity of fibre, or at high speed on a large production. Where three grades only are made, each half of the screen is covered



ASBESTOS "Shorts" and "Floats"

reduce moulding time and distortion

The grades of Johns-Manville asbestos fibres recommended as moulding compound ingredients have both a high percentage of fines and a low fibre content that combine to reduce the quantity of air in the mass. This shortens moulding time . . . and minimizes distortion or rebound during drying.

In addition, these short fibres and fines improve the surface appearance of the plastic . . . whereas long fibres, "crudy" bundles, and coarse particles mar the surface and destroy the moulds.

For many other products such as adhesives, asphalt tile, texture paints, auto underbody coatings, and friction materials . . . these versatile asbestos "shorts" and "floats" provide important advantages when used as fillers, extenders, conditioners, reinforcers, and heat-resisting agents.

If you would like further information about the various uses, properties and classifications of these versatile forms of asbestos, write to us now for Brochures AFD-3A and 4A.



Asbestos Fibre Division
Canadian Johns-Manville Limited

970 Sun Life Bldg.

(Telephone: UN-6-9701)

Montreal, P. Q., Canada

with a wire cloth of a different mesh.

Fibre is fed into one end of the screen, revolving paddles beat it up, force the short fibre thru the screen of the first section, longer fibre thru the screen cloth of the second section, and the longest fibre out at the end. Each grade falls on a flat cleaning screen where sand, dust, and unmilled splinters of fibre loosened in grading are cleaned out. Extra grades may be made by allowing portions from each screen section to combine; or any grade may be split into a number of grades in a second rotary screen or on a flat screen. From the ends of the cleaning screen, the fibre is lifted by suction, the unopened fibre and rock being allowed to fall from the end of the screen and be returned to a breaker and milled. The fibre, lifted to a collector, is dropped to a storeroom for bagging.

Reprinted from the Rhodesian Mining Journal,
September 1952 issue.

ASBESTOS-CEMENT PRODUCTS ASSOCIATION

Chester C. Kelsey reports that enough asbestos-cement siding shingles were manufactured in 1952 to cover 500,000 homes.

Building material manufacturers are the largest users of asbestos fibres in the United States, which, according to a materials survey recently published by the National Security Resources Board, has developed the greatest asbestos products industry in the world.

Asbestos-cement materials account for about one-third of the dollar value of all asbestos products in the United States. That value in 1947 was reported in the materials survey to be about \$274,000,000.

The asbestos-cement industry in this country had its start in 1905 with the manufacture of roofing shingles. Later developments were asbestos-cement board, corrugated sheets and siding shingles. The latter, introduced in 1932, are now the industry's major item from a volume viewpoint.

Carey

ASBESTOS

Since 1873 Carey has been manufacturing products of which asbestos is an integral part.

And Carey research is constantly working to make those products work better and to develop new products which will utilize the outstanding qualities of asbestos.

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Asbestos Prefabricated Ducts
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CINCINNATI 15, OHIO

In Canada: The Philip Carey Co., Ltd., 277 Duke Street, Montreal 3, P. Q.

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At the current rate of production, enough asbestos-cement siding shingles has been produced in 1952 to provide coverage for more than half a million homes. About half of the production is used on new houses, with the balance divided among other types of new construction and the re-siding of existing buildings.

The introduction of new and improved color lines by all manufacturers has greatly stimulated asbestos siding sales.

For many years white surfaced shingles were by far the largest sellers. Today practically all manufacturers are emphasizing colored siding. The new colors include grays, browns, greens and ivory in pastels and mellow tones. Striated and two-toned effects have been added by graining or texturing the surface.

Fire-safety was a primary objective of the developers of asbestos-cement roofing shingles and it remains one of their most valued characteristics. Others are permanence and freedom from maintenance expense, for nearly fifty years' experience has shown that asbestos shingles do not wear out. Currently there is a strong trend toward the strip or multiple-unit type of asbestos shingle. A strip does the work of from two to five individual shingles, thus providing asbestos protection at a minimum cost.

Asbestos will be found in many unexpected places in the form of asbestos-cement board, a general purpose flat-sheet material. It is used for interior walls and ceilings in homes, as exterior siding, and for hundreds of purposes where incombustibility and rot-resistance are desired in a building board. Used industrially for many years, it was introduced for building purposes shortly before World War II and production now runs into millions of square feet each month.

Corrugated asbestos-cement sheets, long used in industrial construction, have suddenly taken on a glamour role. Architects have discovered the decorative potentials of their shadow-casting corrugations, and are using them to create unusual interiors, to fence gardens and as an accent trim on fine buildings. Their primary use, however, continues to be the siding and roofing of factories, refineries, hangars and other commercial structures. The

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yearly output of these sheets has increased five-fold in the past 15 years.

The Asbestos-Cement Products Association observed its fifteenth anniversary this year. Members include: Asbestone Corp., New Orleans; The Philip Carey Mfg. Co., Cincinnati; The Flintkote Co., New York; Johns-Manville Sales Corp., New York; Keasbey & Mattison Co., Ambler, Pa.; Pabco Products, Inc., San Francisco; The Ruberoid Co., New York; Smith Asbestos Products, Inc., Millington, N.J.; Supradur Corporation of New York, New York, and Tilo Roofing Co., Stratford, Conn.

(Reprinted from Feb. 1953 issue
of NATIONAL ROOFER)

... —

The materials handling industry will assemble more than 3,000 experts on every phase of handling to answer visitor's questions during the five-day run of the National Materials Handling Exposition at Convention Hall, Philadelphia, Pa., May 18th to 22nd, it was announced by Clapp & Poliak, Inc., New York, founders of the exposition.

A huge assemblage of expert talent is expected to provide about one expert for each eight visitors. Some 25,000 visitors from 40 countries are expected to attend the show which will be the largest industrial exposition to be held anywhere during 1953 and the largest ever held in Philadelphia.

The show will be open to business executives but the general public will not be admitted. Advance registration cards, as well as hotel and conference information may be obtained from Clapp & Poliak, Inc., 341 Madison Avenue, New York 17, N. Y.

... —

The kindly word that falls today may bear its fruit tomorrow.

... —

Boast not thyself of tomorrow; for thou knowest not what a day may bring forth.



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NPA - ORDER M-96 AMENDED

The National Production Authority, U. S. Department of Commerce, acted on March 31st, 1953, to remove limitations on the use of less critical spinning grades of chrysotile fibre in the production of certain specified items, in an amendment of Order M-96.

This action applies to chrysotile asbestos fibre described in the order as "3F, 3K, 3R, 3T, and 3Z". These grades may now be used without limitation as to quantity in the production of the following items, which are listed in Schedule A of Order M-96; theatre safety curtains, gun covers, ironing board covers, passenger car woven brake linings less than $\frac{1}{4}$ inch thick by 2 inches wide, and oil burning wicking.

None of the following grades, described as critical and strategic, may be put in process for or used in the production of the above items: C and G1, C and GP1, C and G2, C and GP2, Canadian Crude No. 1, and Canadian Crude No. 2, Canadian Crude Run of Mine, Canadian Crude Sundry, Arizona Crude No. 1, and Arizona Crude No. 2.

Chrysotile asbestos fibre is used in large quantities in the production of textiles, moulded plastics, safety clothing, cable insulation, electrical tape, friction materials and packings and gaskets. Nearly all of the U. S. supply is imported, the main sources being Canada and Rhodesia. All spinning grades are continued under use control limiting them to the production of textiles, primarily to assure meeting Navy requirements.

The amendment also removed from Order M-96 a requirement that manufacturers of 85 percent magnesia or other high temperature insulation report their monthly consumption of 3Z fibre to NPA.

. . . —

The shortest way to do many things to to do only one thing at a time.



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Lansdale, Penna.

"QUINTERRA - QUINORGO"

"Quinterra - Quinorgo", is the title of a new 32-page publication just issued by Johns-Manville. It gives complete information about these electrical insulators made of purified asbestos . . . why they were developed, what their characteristics are, where they may be used to advantage.

This publication is both a manual of facts and a descriptive brochure. For the designer of electrical equipment there are tables giving test data on physical and electrical properties. Test methods are fully explained and there is a separate table for each of the several types of Quinterra and Quinorgo.

For the production man there is advice on application techniques and equipment including step-by-step photographic coverage of methods now in use. These picture stories also illustrate improvements in finished products, space savings, lower weight, economy of materials and longer service life. The subjects for the picture stories range from heavy duty lifting magnets to hair curlers.

In addition to photographs, many of the picture stories have sectional diagrams showing how, in a single piece of equipment, Quinterra and Quinorgo are used in many different places . . . for core tubes, layer insulation, wire wrapping, interlaminar insulation, and washers and the final wrapper insulation.

The book concludes with a description of allied products such as Quinterrabond, Quinorgobond, Quinterraglass and composites or laminates that utilize Quinterra and Quinorgo but are manufactured by others.

Copies of "Quinterra - Quinorgo" are now available from Johns-Manville, 22 E. 40th Street, New York 16, N. Y.

. . . —

The great use of life is to spend it for something which outlasts it.

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A.S.T.M. — Annual Meeting

The 1953 Annual Meeting of the American Society for Testing Materials in Atlantic City, June 29th to July 3rd will cover a diverse range of technical interests. The subjects will be presented in sessions and symposiums which are now in process of development by various technical committees of the Society.

Most of the new and revised standards completed at the spring meeting are subject to letter ballot in the committees before they are referred to the parent Society for action. In general the new specifications will be considered finally at the Annual Meeting in Atlantic City.

— . . . —

Manufacturers will get a preview in June of the effect atomic energy will have on their products and production methods, according to Clapp & Poliak, Inc., of New York.

The disclosures will take place at the first Conference of Basic Materials to be held at the Hotel Roosevelt, New York, concurrently with the Exposition of Basic Materials for Industry at Grand Central Palace, June 15th to 19th.

The conference will pay particular attention to uses of atomic energy in the next five years. In that period, radioactive materials and atomic energy are expected to exert profound influences in American Industry.

Advance registration cards may be obtained from Clapp & Poliak, Inc., founders of the show and conference, 341 Madison Ave., New York 17, N. Y.

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CHICAGO 4, ILL.	GRANT WILSON, INC. 141 West Jackson Boulevard
NEW YORK, N. Y.	HARDWARE PRODUCTS CO. 3 Park Place, New York 7, N. Y.

BUILDING

The residential boom will continue for awhile. F. W. Dodge Corporation clients have been informed that Dodge Reports in the 37 eastern states for the first two months totaled 20 per cent more than for the first two months of booming 1952, altho the February figure was down 9 per cent from January. It was the biggest two months gain in any of the Dodge construction classifications.

This is housing that was reported when it was about to start or had just started, and will be in progress of construction over a period of months.

Dodge total construction figures for the two months as compared with the same two months last year were \$2,097,178,000, up 17 per cent from the 1952 figure. Dodge's February figures show:

All classes: \$1,021,310,000, down 5 per cent from January; up 15 per cent from February 1952. Non-residential, \$374,321,000, down 8 per cent from January; up 24 per cent from February 1952. Residential, \$418,568,000, down 9 per cent from January; up 6 per cent from February 1952. Heavy engineering (public works and utilities), \$228,421,000, up 9 per cent from January and up 22 per cent from February 1952.

Some readers not in the construction field become confused in construction indexes because they do not know the definitions behind them. Dodge figures are facts and facts only about construction that has just started or is about to start. Nor do Dodge figures purport to show ALL construction that will be put in place.

Dodge construction figures are widely followed in the construction industry despite their covering only the 37 eastern states, because they take in only the actual construction projects that the Dodge news staff has reported to Dodge clients. They do not show how much construction has been put in place, but provide a reliable index of what will be put in place in future months.

PHILLIPS ASBESTOS MINES

Producers of

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and

Fiberized Asbestos

The World's Finest Fibre



DRAWER 71

GLOBE, ARIZONA

Mines and Mills in Gila Co., Arizona

MARKET CONDITIONS

GENERAL BUSINESS

The general market situation remains substantially unchanged. The death of Stalin may eventually have far reaching effects on the American defense program which in turn, will influence prices, wages and total production to a great extent. Thus far, there are no clear indications as to future Russian policy. The administration's lifting of price controls had few untoward effects thus far. Price rises on certain steel products are predicted but it is generally believed they will be nominal. The recent reduction of Chrysler's automobile prices has not been followed by others up to this writing. However, used cars are moving very slowly and there is some reason to believe new car sales may drop off over the next few months.

ASBESTOS — RAW MATERIAL

The raw material market is running along a fairly even keel, some 15% to 20% below what it should be. With the opening of navigation in April, some pickup is expected due to foreign shipments which are being held up for the lower cost transportation.

Asbestos Textiles. Some improvement has been experienced in the demand for asbestos tape. However, orders are not being booked to the fullest extent of capacity. There is a heavy demand for cloth due primarily to the Navy program.

Asbestos Brake Lining. The market on brake lining remains about the same as last month; the equipment market is expected to increase during the first quarter.

Asbestos Paper. Business continues at about the same level, production exceeding demand, but some pickup is expected with the approach of summer weather. There is a slight increase in *Millboard* orders at present, which may build up higher during the succeeding months. The demand for *Saturated Paper* continues good and is expected to reach the peak in April.

Insulation. High Pressure. The tapering off of off-shore base work and other Government projects has



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enabled manufacturers to reduce their backlog of orders and give better service. The general condition is steady — the volume remaining approximately the same as during the past three months.

Insulation. Low Pressure. The demand has been very heavy for this period of the year, and it is expected to remain that way for the balance of the spring.

Asbestos Cement Products. The market for asbestos cement siding is slow due to the usual seasonal decline. Jobber and dealer stocks are high but with the coming of good weather, sales will reduce these stocks.

The market for corrugated and flat remains about the same.

The sales for Pressure and Sewer pipe continue on the increase; Flue Pipe Building Sewer pipe and Conduit markets appear to be strengthening with the seasonal upswing.

The above comments have been made by various informed executives. All comments are welcome.

A. S. H. V. E. 1953 GUIDE

The 1953 edition of The Heating, Ventilating and Air Conditioning Guide, published annually by The American Society of Heating and Ventilating Engineers, has just been issued. The 31st edition has a total of 1,560 pages and features many important changes and additions. The Technical Data Section has been increased by 32 pages to a total of 1096 pages—the largest to date. The Manufacturers' Catalog Data Section has also been enlarged to 432 pages.

Copies of the volume, priced at \$7.50 each, are available thru ASHVE headquarters, 62 Worth Street, New York 13, N.Y.

... —

Sometimes art attains almost the dignity of manual labor.

CANADIAN ASBESTOS FIBERS



THE NICOLET MINE
Norbestos (via Warwick)
Que.

Address Inquiries to:

NICOLET ASBESTOS MINES LIMITED INC.*

70 Pine Street

New York 5, New York

**One of the NICOLET Industries*

PRODUCTION STATISTICS

Canada

(Department of Mines, Province of Quebec)

Tons 2000 lbs.

Production for January 1953 68,070

Compared with January 1952 75,007

Dominion Production for January 1953 is 70,077 tons, a difference of 2,007 tons from the Quebec figure.

Africa (Rhodesia)

(Published by Rhodesia Chamber of Mines)

Tons 2000 lbs.

Production for November 1952 7,414.74 tons

Valued at £566,293

Production for November 1951 6,310.16 tons

Valued at £471,369

Africa (Swaziland)

Production for January 1953 2,750 tons

Production for February 1953 2,750 tons

Union of South Africa

(Quarterly Information Report — Dept. of Mines)

Tons 2000 lbs.

3rd uarter (July, August & Sept. 1952)

	Production		Local Sales		Exports	
	Tons	Tons	Value	Tons	Value	
Amosite	16,006	2,445	£ 54,608	12,633	£ 528,075	
Anthophyllite	26					
Chrysotile	6,517	1,083	61,369	4,514	497,566	
Cape Blue	6,469	477	33,945	5,992	487,768	
Transvaal Blue	4,997	239	17,732	4,758	387,744	
	34,015	4,244	£167,654	27,897	£1,901,153	

. . . —

UNITED STATES RUBBER COMPANY

Creates New Position

Ross W. Bennington has been appointed to the newly created position of general traffic manager of United States Rubber Company.

Mr. Bennington joined the company in 1939 as a rate clerk in the traffic department. He was promoted to manager of the rate division in 1942. As general traffic manager he will continue to have his headquarters at the company's general offices in New York City.

A graduate of the Wharton School, he is a member of the Traffic Club of New York and is a practitioner before the Interstate Commerce Commission.



Mundet Cork Corporation

Insulation Division, 7101 Tonnelle Ave., North Bergen, N. J.

Mundet district offices are located in these cities:

ATLANTA 329-41 Elizabeth St., N.E.	DALLAS 10 601 Second Ave.	JACKSONVILLE 6, FLA. 800 E. Bay St.	NEW ORLEANS 14 315-25 N. Front St.
BALTIMORE 30 612 Battery Ave.	DETROIT 21 14401 Prairie Ave.	KANSAS CITY 7, MO. 1401 St. Louis Ave.	NEW YORK 17 321 Madison Ave.
BOSTON 57 Regent St., N. Cambridge 40	HOUSTON 1 Commerce and Palmer Sts.	KNOXVILLE 1221 Grand Ave.	PHILADELPHIA 39 856 N. 48th St.
CHARLOTTE 3, N. C. 507 S. Cedar St.	INDIANAPOLIS 4 15 E. Washington St.	LOS ANGELES (Maywood): 6116 Walker Ave.	ST. LOUIS 9 3176 Brennan Ave.
CINCINNATI 2 427 West 4th St.	In Canada: Mundet Cork & Insulation, Ltd., 35 Booth Ave., Toronto		SAN FRANCISCO 7 440 Brennan St.

The question is:

How can co

Leading manufacturers in asbestos-using industries asked us . . . and found out that MIMCO can save money for the producers of: Asphalt, Rubber and Vinyl Tile • Asphalt Compounds • Underbody Coatings • Friction Compounds • Adhesive Paints • Insulating Cements • Joint Sealings • Welding Rods • Filtration Materials • Battery Boxes • Plastics • Compression Molding Compounds • Fillers • Foundry Sands.

MIMCO is produced exclusively in the United States from our North Carolina mines and processed at our Spruce Pine mill.

mining & milling corp

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costs be cut?

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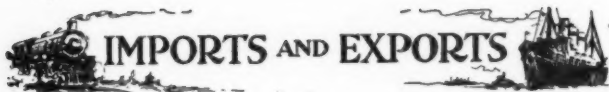
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Used alone or in combination with chrysotile asbestos, MIMCO asbestos fibre combines highly desirable characteristics with low cost. MIMCO is acid resistant; well opened; non-hygroscopic; spicule free; can be custom-milled to required rotap specifications. Available in 7th and other groups.

g corporation of america

ICE — 441 lexington ave., new york — phone mu 7-6830

o our New York Sales Office



Imports into U. S. A.

(Figures by Bureau of Census)

Unmanufactured Asbestos—By Countries:

November 1952
Tons (2240 lbs.)

From Canada	42,908
S. Rhodesia	1,222
Union of S. Africa	1,953
Other Countries	18

46,101

Valued at \$4,498,308

By Grades:

Crude No. 1, Chrysotile, S. Rhodesia.....	18
Crude No. 1, Chrysotile, Other Countries.....	3
Crude No. 2, Chrysotile, So. Rhodesia.....	18
Crude No. 2, Chrysotile, Other Countries.....	9
Crude, Other, Chrysotile, So. Rhodesia.....	840
Crude, Other, Chrysotile, Other Countries.....	6
Crude, Blue, Union of S. Africa	472
Crude, Amosite, Union of S. Africa	1,481
Textile Fibres, Chrysotile, Canada	1,491
Textile Fibres, Chrysotile, So. Rhodesia	127
Shingle Fibres, Chrysotile, Canada	5,002
Shingle Fibres, Chrysotile, So. Rhodesia.....	219
Paper Fibres, Chrysotile, Canada.....	6,697
Other Fibres, Chrysotile, Canada	29,718

46,101

Manufactured Asbestos Goods:

November 1952
Quantity (lbs.) Value

Asbestos Yarn, United Kingdom	24,202	\$ 17,143
Asbestos Packing—Fabric	1,129	1,070
Asbestos Packing—Not Fabric	1,398	1,000
Asbestos Woven Fabric—Other	2,279	1,671
Asbestos Brake Lining (Mld.)	511	81
Asbestos Cement Products (Impreg.)	3,455	575
Asbestos Cement Products (Not Impreg.)	99,402	6,109
Asbestos Shingles (Impreg.)	1,745	70
Asbestos Manufactures—Others	345
	134,121	\$ 28,064

AMOSITE ASBESTOS

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Johannesburg, South Africa.

With its mines centred at
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*This fibre owing to its great length and bulk is
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114-116 Park Street, London. W.1.

United States Sales Agent:

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415 Lexington Avenue, New York City

Telephone: Vanderbilt 6-1477

Exports from U. S. A.

(Figures by Bureau of Census)

	December 1952	
	Tons (2240 lbs.)	Value
<i>Unmanufactured Asbestos:</i>		
To Europe	179	\$ 66,455
S. America	71	26,597
Other Countries	764	137,073
	<hr/> 1,014	<hr/> \$230,125

Manufactured Asbestos Goods:

	December 1952	
	Quantity	Value
Asbestos Pipe Covg. & Cement	Lbs. 329,231	\$ 52,463
Asbestos Textiles & Yarns	Lbs. 34,620	48,305
Asbestos Packing	Lbs. 109,120	106,361
Asbestos Bk. Lng. (Mid.&S.Mid.)	Lbs. 297,261	245,902
Asbestos Bk. Lng. (Woven)	Lbs. 35,237	27,919
Asbestos Clutch Facings	No. 62,829	54,749
Asbestos Brake Blocks	Lbs. 20,873	24,266
Asbestos Construction Materials	Lbs. 1,876,077	162,327
Asbestos Manufactures—Others	Lbs.	45,975
		<hr/> \$768,267

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34-2683, 33-3922

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Johannesburg.

Barclays Bank (D.C.&O.),

Loveday Street South,

Johannesburg.

Exports from Canada

(Published by Dominion Bureau of Statistics)
Unmanufactured Asbestos:

	December 1952		Year 1952	
	Tons (200 lbs.)	Value	(2000 lbs.)	Value
<i>Crude</i>				
United States.....	15	\$ 13,707	371	\$ 334,308
United Kingdom.....	50	51,750	150	224,250
South America.....
Central America & Mexico.....
European Countries.....	26	17,400	114	74,585
Other Countries.....	5	3,384	57	71,777
	96	\$ 86,241	692	\$ 704,920
<i>Milled</i>				
United States.....	17,734	\$2,854,322	192,440	\$30,690,024
United Kingdom.....	5,318	1,059,878	36,576	6,878,791
South America.....	1,338	255,195	17,834	3,254,359
Central America & Mexico.....	675	111,527	5,169	850,686
European Countries.....	8,996	1,604,375	59,107	10,211,343
Other Countries.....	4,565	707,779	28,692	4,761,727
	38,626	\$6,633,073	339,818	\$56,646,930
<i>Shorts</i>				
United States.....	37,386	\$1,776,841	465,800	\$22,551,058
United Kingdom.....	5,545	214,963	20,614	878,394
South America.....	586	43,723	7,331	556,153
Central America & Mexico.....	40	1,520	193	7,547
European Countries.....	4,230	299,576	55,113	4,075,790
Other Countries.....	2,103	192,670	12,497	1,088,756
	49,920	\$2,529,293	561,548	\$29,157,698
<i>Grand Total—Unmanufactured Asbestos</i>				
	88,642	\$9,248,610	902,058	\$86,509,548
<i>Manufactured Asbestos Goods:</i>				
Brake Lining.....		\$ 29,814		\$ 529,969
Packing.....		2,456		50,774
Other Materials.....		119,036		684,392
		\$ 151,306		\$ 1,265,135

WILHELM BURGDORF

Importer of Raw Asbestos

P. O. Box 1131, BREMEN, GERMANY

NEWS OF THE INDUSTRY

BIRTHDAYS

- Philip A Meyer, President, Nicolet Asbestos Mines, Ltd., Norbestos, Que., Canada, April 16.
- Robert W. Weaver, Vice-President, Grant Wilson Inc., Chicago, Ill., April 16.
- P. O. Baker, District Manager, Asbestos Textile & Packing Division, Raybestos-Manhattan, Inc., Providence, R.I., April 18.
- Lorne Bain, President, Atlas Asbestos Company, Ltd., Montreal, Canada, April 19.
- Alvan D. Simpson, President, Asbestos Erectors, Inc., Bound Brook, N. J., April 19.
- George A. MacLellan, Managing Director, George MacLellan & Co., Glasgow, Scotland, April 19.
- Guy H. Montmartin, President, Alpine Mining Corporation, New York City, N.Y., April 21.
- H. J. Dowd, First Vice President, Smith Asbestos Products, Inc., Millington, N.J., April 22.
- John R. Skidmore, Secretary-Treasurer, Pacific Asbestos-Cement Products Corporation, San Bernardino, Calif., April 22.
- Frank R. Hickory, President, Asbestos Products, Inc., St. Paul, Minn., April 27.
- J. Carroll Johnston, President & Treasurer, Atlas Asbestos Co., North Wales, Pa., April 28.
- Merlin W. Simon, Secretary, Sprinkman Sons Corporation, Milwaukee, Wis., April 30.
- Donald H. Spicer, President, World Bestos Corporation, New Castle, Ind., April 30.
- Richard H. Jaffer, President, York Insulation Company, Inc., Hillside, N.J., May 1.
- R. G. Bennett, Roofing Manager, A. H. Bennett Co., Minneapolis, Minn., May 4.
- S. E. Josl, Director, Johns-Manville Co., Ltd., London, England, May 5.
- George S. Fabel, President, Southern Asbestos Co., Charlotte, N.C., and Thermoid Co., Trenton, N.J., May 7.
- C. G. Dandrow, Vice-President, Johns-Manville Sales Corporation, New York City, May 12.
- L. M. Cassidy, Chairman of the Board, Johns-Manville Corporation, New York City, May 13.
- L. T. Bennett, Vice-President, A. H. Bennett Co., Minneapolis, Minn., May 14.
- A. M. Ehret, Sr., Chairman, Ehret Magnesite Mfg. Company, Valley Forge, Pa., May 15.

To all these gentlemen we extend congratulations and good wishes on the occasion of their birthdays.



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World's Finest Iron Free White Fibre

Arizona Crudes Used Extensively Throughout the
World for Electrical Insulation

Arizona Fiberized Fibre Used Extensively Throughout
the World for Filtration

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Managing Director: Captain J. C. Heyneke

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HIGH GRADE CHRYSOTILE

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JOHANNESBURG. 904/5, Loveday House, Marshall Street

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JOHNS-MANVILLE CORPORATION APPOINTS New Regional Construction Managers

Continued growth of Johns-Manville's contract industrial insulation business has led to the appointment of six Regional Construction Managers in strategic areas thruout the country.

New Regional Construction Managers appointed are: *W. H. G. Murray*, New York Region, Syracuse, N.Y.; *V. D. Suiter*, Philadelphia Region; *James Collins*, Cleveland Region; *H. P. Barnes*, St. Louis Region; *W. F. Quinby*, Houston Region; and *J. B. Jobe*, Los Angeles Region. *G. L. Maw* has been named Assistant Cleveland Region Construction Manager with headquarters in Detroit.

The regional posts were created to handle the increased demand for Johns-Manville commercial and industrial insulations and to meet the need for special technical skills required in the installation and application of the insulations.

RAYBESTOS-MANHATTAN, INC.

Annual Report

Annual report of Raybestos-Manhattan, Inc. for 1952 shows net income of \$3,175,611, or \$5.05 per share. For 1951 net income was \$4,857,140, or \$7.73 per share.

Net sales in 1952 were \$73,230,550 compared with \$84,866,074 in 1951.

Detailed figures for 1952 follow. Comparable figures for 1951 are given on page 50 of our April 1952 number.

Net Sales	\$73,230,550
Manufacturing Cost of Sales	54,990,829
Gross Profit	18,239,650
Selling, Administrative and General Expenses	10,431,930
Profit from Operations	7,807,720
Other Income, Discount, Interest, Dividends, etc.	750,469
Total Income before Taxes	8,558,181
Provision for Taxes	5,382,570
Net Income transferred to Surplus	3,175,611
Surplus as of December 31, 1952	23,307,977

PABCO'S BOARD ELECTS

A New Member

Pabco's Board of Directors, at their March meeting, elected *Porter Sesnon* a member of the Board of Pabco Products Inc.

Mr. Sesnon is President of the B. F. Porter Estate, a corporation active in farming and cattle raising in California and Nevada and citrus operations in Southern California; is Chairman and a Director of the County First National Bank of Santa Cruz and is President of the 1-A District Agricultural Association. He is also a Director of the California Automobile Association and has been active in numerous civic organizations.

*The plants manufacturing asbestos in more than 30 European countries await your offer thru the special periodical
Rubber and Asbestos*

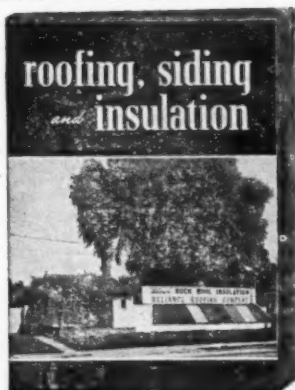
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ASBESTOS WASTE
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NEW YORK 7, NEW YORK**



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roofing,
siding and
insulation
contractors!**

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PUBLISHING CO.
New York 19, N. Y.**

AMERICAN BRAKE SHOE COMPANY

Annual Report

The Annual Report of American Brake Shoe Company, for the year ending December 31, 1952 has been received.

Shipments for the year totalled \$135,378,553 compared with \$147,569,863 in 1951. Despite the decline from the previous year, 1952 shipments were the second highest in the Company's 51-year history.

Unfilled orders at the end of the year amounted to \$45,000,000. This represents over three and one-half months' shipments at the current rate. The unusually high backlog of \$61,000,000 at the beginning of the year was the result of extensive forward-buying on the part of many customers following the outbreak of war in Korea. Relatively few cancellations have been experienced since 1951, and believe that the present backlog represents the actual requirements of customers under existing conditions.

Net earnings in 1952 after income and excess profits taxes amounted to \$4,641,847, compared to \$6,468,609 in 1951. After dividends of \$786,762 on the Preferred Stock, the \$3,855,085 earned on the Common Stock was equivalent to \$3.52 on 1,095,451 shares. In 1951 net earnings were \$5.19 per common share.

Earnings before taxes of \$11,341,847 in 1952 have been exceeded only in 1951 and 1950, when they were \$18,018,609 and \$12,339,289, respectively. Earnings before taxes were at the rate of 8.4 cents on the sales dollar. The restoration of a more favorable ratio of earnings to sales is a prime objective. In pre-war periods of good business it ranged from 10 to 14 cents.

THE RUBEROID COMPANY

The Ruberoid Company has announced a major improvement in its Dubl-Coverage Rool Roofing which facilitates its installation and assures longer life. The extra coating of bitumen which has been added to the entire selvage has also been specially treated to prevent sticking in the roll, thus assuring the elimination of wasted time and material.

Ruberoid has added the coating right up to the slate line to prevent moisture seepage beyond the seams and protecting the felt against rot.

RAYBESTOS-MANHATTAN, INC.

New Location For Chicago Office

Raybestos-Manhattan, Inc. has moved from 445 Lake Shore Drive into its newly constructed Chicago office and warehouse building at 6010 Northwest Highway. This new building provides greatly expanded facilities for warehousing mechanical rubber, packings and asbestos textiles and for Chicago sales offices of these products as well as national sales headquarters for the Equipment Sales Division.

INDUSTRIAL SERVICE COMPANY

Builders of

ASBESTOS CEMENT MACHINERY

Our experienced engineers and machinists offer the industry entire machines built to deliver maximum production.

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UNION ASBESTOS & RUBBER CO.

Annual Report

The net income in 1952 amounted to \$617,236 equivalent to \$1.30 per share as against the previous year's net income of \$773,807 amounting to \$1.63 per share on 475,176 shares of common stock outstanding.

Net sales in 1952 amounted to \$12,913,116, largest in the 35-year history of the company. Materials for the armed services constituted a minor portion of the year's sales, and of the company's backlog of more than \$2,750,000 at the beginning of 1953.

The annual report gives a clearer understanding of the diversified markets served by the wide variety of products manufactured in the company's seven plants. These products fall into two general classifications which may be identified by the basic materials of which they are made.

ROCKBESTOS PRODUCTS CORPORATION

James F. McClelland, Jr. has been appointed engineering manager for Rockbestos Products Corporation, New Haven, manufacturers of permanently insulated wire and cable.

In his new assignment, Mr. McClelland will have the responsibility for the coordination and direction of standards engineering, quality engineering, research and development, and chemical engineering. He recently held the position of standards engineer.

Mr. McClelland came to Rockbestos as an engineer from the Chrysler Corporation in Detroit. He is a graduate of Massachusetts Institute of Technology with a bachelor of science degree, and holds a bachelor of arts degree from Yale University.

AMERICAN BRAKE SHOE COMPANY

New Appointments

Three appointments have been announced by the sales department of the Brake Shoe and Castings Division of American Brake Shoe Company. *John F. Ducey, Jr.* has been named vice-president, *George E. Anne* becomes assistant vice-president and *Daniel J. Wagner* is district sales manager.

Upon graduation from Harvard University in 1936 Mr. Ducey joined the Division as an apprentice. He was appointed district sales manager in 1949 and assistant vice-president in 1951. He is located at the San Francisco office.

Mr. Anne has been a sales representative since 1925 when he joined the Division. A graduate of Pennsylvania State College, he previously was employed by the Pennsylvania Railroad Company. He is located at the Philadelphia office.

Mr. Wagner joined the Division as a sales apprentice in 1946, upon graduation from Manhattan College in New York, and became a New York sales representative in 1947. He will be located at the Chicago office.

DRYLON WET MACHINE FELTS

Wool and Nylon Blend Fleece

Carefully Engineered

To Meet

Your Individual

Problems

In

ASBESTOS CEMENT PRODUCTS

ASBESTOS MILLBOARD

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**Our Patented Construction Places the Nylon Where
It Is Most Effective*

**DRYCOR FELT COMPANY
STAFFORDVILLE, CONN. USA.**

**Nylon Has Proved Itself Essential in Asbestos Cement Felts*

UNION ASBESTOS & RUBBER CO.
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ASBESTOS CEMENT PRODUCTS

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**Our Patented Construction Places the Nylon Where
It Is Most Effective*

DRYCOR FELT COMPANY

STAFFORDVILLE, CONN. USA.

**Nylon Has Proved Itself Essential in Asbestos Cement Felts*

JOHNS-MANVILLE CORPORATION

Change In Personnel

Robert D. Newcomb, formerly Industrial Relations Manager at the Jarratt (Va.) Building Products Division Plant, has been transferred to Lompoc, California, where he holds the same position in the Celite Division operation.

Mr. Newcomb started with J.M. in 1936 as a Production Clerk at Manville Plant, was an Industrial Relations Staff Assistant in 1941 and was Industrial Relations Manager at Jarratt since 1942.

W. R. Carey, Purchasing Agent at J-M's Jarratt, Va. Plant since 1939, where he also handled the assignment of Traffic Manager, has been named Purchasing Agent in the General Purchasing Department at General Headquarters, New York. Included in his duties at Jarratt was the supervision of the procurement of pulp wood and other special assignments.

ROCKBESTOS SUPPLIES PNR CABLE

For Tullahoma Project

Several thousand feet of control cable produced by Rockbestos Products Corporation, New Haven, manufacturers of permanently insulated wire and cable, were flown by special Air Force plane to the Tullahoma Project, Arnold Engine Development Center, Tullahoma, Tenn. The flight is the first of several planned by the U. S. Air Force to expedite the delivery of the Rockbestos PNR (Polythylene-Nylon Rockhide) cable to the special project.

In addition to the control cable, Rockbestos also supplies the project with a high temperature Firezone wire. The wire stands up under intense heat and other severe operating conditions, and is used in jet aircraft and other special Air Force equipment.

UNITED STATES RUBBER CO.

New Appointments

Dr. Leland M. White has been appointed assistant director of the research and development department of United States Rubber Company.

He joined the company's research and development department in 1940, and has been head of the rubber applications department at the Passaic, N. J. general laboratories since 1947. He is succeeded in the latter position by Dr. B. C. Barton.

Jacques A. Arrouet has been appointed fabric development engineer of United States Rubber Company's Textile division.

With headquarters in the company's general offices in New York City, Mr. Arrouet will be responsible for the development of certain engineered end-use textiles.

GORDON FELBER & CO., LTD.
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**Producers of Low Iron Chrysotile
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NATIONAL GYPSUM COMPANY

New Appointments

National Gypsum Company has announced the appointment of *Patrick H. Ryan* as Sales Manager, Asbestos Products Division and *William U. Townsend* as Commodity Manager of the Asbestos Products Division. The new department was formed after National Gypsum's recent purchase of the Asbestone Corporation of New Orleans and Smith Asbestos Products Inc. in Millington, N.J.

Formerly manager of the St. Louis Division of the Asbestone Corporation, Mr. Ryan also has served as Vice President in Charge of Sales at Smith Asbestos. He is a graduate of the University of Wisconsin.

Mr. Townsend has been associated with National Gypsum Company for fifteen years, first as Assistant Manager in the Industrial Sales Division and then as Export Manager. He is a director and past president of the Buffalo World Trade Association.

TAYLOR-SEIDENBACH APPOINTED

Distributor & Contractor For Carey

The Philip Carey Mfg. Company recently announced the appointment of Taylor-Seidenbach, Inc. of New Orleans, La., and Taylor-Seidenbach Co., Inc., of Shreveport, La., as Approved Distributor and Contractor for Carey Asbestos and Magnesia Insulation Products effective March 1st, 1953.

The Taylor-Seidenbach Company, known for service and workmanship during the past 28 years, will carry complete stocks of such well known Carey products as Super-Light, Tempchek, Hi-Temp NoN. 9, Careycel, MW-50 Insulating Cement, Careyduct, Asbestos Paper and Board.

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ERIC W. HAMMARSTROM REJOINS

The Philip Carey Mfg. Co.

The Philip Carey Mfg. Company has announced the re-affiliation of *Eric W. Hammarstrom*.

Immediately prior to rejoining Carey, Mr. Hammarstrom was chief of the non-metallic building materials branch of the National Production Authority, a position he held for two years. He was formerly Canadian Sales Manager for Carey in which position he established new offices and a sales organization to sell building materials and insulation produced in Carey's Canadian plant. Before assuming his Canadian duties Mr. Hammarstrom served as Assistant to Vice-President in Charge of Sales at the Company's general offices in Cincinnati.

Representing Carey in a New York area Mr. Hammarstrom will market and service many of Carey's 800 products.

RAYBESTOS-MANHATTAN, INC.

At a meeting held April 7, 1953 the Board of Directors elected *W. S. Simpson*, Vice President in charge of the Raybestos Division, and appointed *M. A. Thompson*, Assistant Comptroller of the Corporation. At the same meeting, *J. H. Merrell*, Vice President, Western Sales Division at Chicago, was awarded the 50 year service pin of Raybestos-Manhattan.

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Complete processing plants designed and equipment supplied specifically to suit your ore.

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Imports of Asbestos by United Kingdom

Raw Material

	January 1953 Tons (2240 lbs.)
From Union of South Africa	1,304
Southern Rhodesia	4,004
Basutoland, Bechuanaland & Swaziland	1,181
Other Commonwealth Countries and the Irish Republic	
Foreign Countries	14
	<hr/> 7,711

These figures were supplied by the Mining Journal Limited of London.

ASBESTOS STOCK QUOTATIONS

(These figures are compiled from the Commercial & Financial Chronicle. No guarantee as to their correctness.)

		March 1953		
	Par	Low	High	Last
Amer. Br. Shoe (Com)	np	38¾	40½	38¾
Amer. Br. Shoe (Pfd)	100	102	104½	102¾
Amst. Ck. (Com)	np	50	54¾	54
Armst. Ck. (Pfd)	np	93½	94¾	94
Armst. Ck. (Conv. Pfd.)	np	108½	112½	111½
Asb. Corp. (Com)	np	24¾	27	27
Carey (Com)	10	18½	19¾	19½
Cassiar Asb. Corp.	np	\$7.55	\$9.50	\$9.50
Celotex (Com)	np	17¾	19¾	19¾
Celotex (Pfd)	20	16½	16¾	16¾
Certainteed (Com)	1	14½	15¾	15½
Dominion Asb. Mines	1	\$3.10	\$4.00	\$3.90
Flintkote (Com)	np	29½	32	31
Flintkote (Pfd)	np	97	99	98
Johns-Manville (Com)	np	69	72½	72½
Pabco Products (Com)	np	13¾	14¼	14
Pabco Products (Pfd)	100	85	89	87½
Ray-Man (Com)	np	43	47½	46½
Ruberoid (Com)	np	59	61½	61½
Thermoid (Com)	1	8½	8¾	8½
Thermoid (Pfd)	50	41½	44	42½
Union Asb. & Rub. (Com)	5	12¾	13¼	12¾
United Asb. (Com)	1	\$3.75	\$4.80	\$4.30
U. S. Gypsum (Com)	20	110¼	116½	116½
U. S. Gypsum (Pfd)	100	174	177	172
U. S. Rubber (Com)	10	29¾	31¼	30¾
U. S. Rubber (Pfd)	100	139¼	144¾	140¾

AUTOMOBILE SALES

	February 1953
Passenger Cars	486,071
Motor Trucks	96,729
Motor Coaches	150
	<hr/> 582,990

In February 1952 a total of 435,216 motor vehicles were sold. In the two months of 1953 the total was 1,148,127.

These figures were supplied by the Automobile Manufacturers Association, New Center Building, Detroit, Michigan.

— . . .

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ASBESTOS CHAPTER

Reprint From 1951 Minerals Yearbook

The 1951 Chapter on Asbestos from the U. S. Minerals Yearbook, published annually by the U. S. Bureau of Mines, has just arrived. All "ASBESTOS" readers who have collected an Asbestos Library, will want a copy. Send 5c (in coin) to the Superintendent of Documents, U. S. Government Printing Office, Washington, 25, D.C.

It contains salient statistics of the Asbestos Industry in the United States, including a table of World production of Asbestos, (by countries) 1946 to 1951 inclusive.

Other information on the Asbestos Industry in 1951 which the pamphlet contains will no doubt be of interest to our readers.

— . . . —

The secret of success is **CONSTANCY** of **PURPOSE**.

W. E. SINCLAIR, M.I.M.M.

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56 Crittenden St., Newark, New Jersey

CURRENT RANGE OF PRICE

April 10, 1953

Arizona—		Per Ton of 2,000 lbs., f.o.b. Globe, Arizona
No. 1 Crude		\$1,200.00 to \$1,500.00
No. 2 Crude		900.00 to 1,000.00
No. 3 Crude		375.00 to 450.00
Filter Fibre		220.00 to 450.00

Canada—		Per Ton (2000 lbs.) f.o.b. Mine
Group No. 1 (Crude No. 1)		\$1,100.00 to \$1,500.00
Group No. 2 Crude No. 2; Crude Run-of-Mine and Sundry		500.00 to 1,000.00
Group No. 3 (Spinning Fibre)		300.00 to 525.00
Group No. 4 (Shingle Fibre)		150.00 to 200.00
Group No. 5 (Paper Fibre)		100.00 to 140.00
Group No. 6 (Waste, Stucco or Plaster)		77.00
Group No. 7 (Refuse or Shorts)		35.00 to 70.00

Vermont—		Per Ton of 2000 lbs. f.o.b. Hyde Park or Morrisville, Vt.
Group No. 3 (Spinning & Filtering)	\$	321.00 to \$ 348.00
Group No. 4 (Shingle Fibre)		156.00 to 173.00
Group No. 5 (Paper Fibre)		110.00 to 132.00
Group No. 6 (Waste, Stucco or Plaster)		78.00
Group No. 7 (Refuse or Shorts)		37.00 to 68.50

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NATIONAL GYPSUM COMPANY ACQUIRES

Smith Asbestos Products Inc.

National Gypsum Company has completed arrangements for the acquisition of Smith Asbestos Products Inc. of Millington, New Jersey for a cost of approximately \$600,000. Under the agreement, National Gypsum Company will exchange about 27,900 shares of its common stock for all of the physical assets of Smith Asbestos. The acquisition does not include Smith Asbestos' corporate name, charter or product names. The plant will be operated as a company unit, not a subsidiary.

According to Melvin H. Baker, Chairan of the Board, new equipment will be added and existing machinery modified to enable the plant to make roofing and siding shingles and flat asbestos-cement sheets for industrial use. About 100 workers are employed in the 140,000 square-foot plant.

National Gypsum acquired the Asbestone Corporation of New Orleans on January 1st. This subsidiary which also has a plant in St. Louis distributes asbestos products in the South and Midwest.

With the latest purchase National Gypsum will have acquired in less than a year three companies with ten plants for about \$7,850,000 in its common stock. The acquisition of Smith will bring to 36 the number of National Gypsum's plants in 23 states and Canada.

THE RUBEROID COMPANY

Announcement has been made of the completion of a long-term agreement between The Ruberoid Co., manufacturers of asphalt and asbestos building products, and Lucky Star Roofing Products Corp. of Denver. Under this agreement, Lucky Star will produce exclusively for Ruberoid a complete line of asphalt roofings and shingles for servicing the Denver area.

The new Lucky Star plant now being completed in Denver is said to be one of the most modern roofing plants in the United States. Operations at the plant are expected to commence in June of this year. Production will be maintained for both the Ruberoid and Old American brands of Asphalt Roofing Products which are sold by distributors and dealers in the Rocky Mountain territory.

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BOOK LIST

The Asbestos Factbook, 16 pages: Information in compact form on origin, facts, locations, uses of analyses, qualities. 10c per copy.

Asbestos Mining Methods. By C. V. Smith. (Reprint) 16 pages. 25c per copy.

Milling Asbestos. By J. C. Kelleher. (Reprint) 16 pages. Companion article to Asbestos Mining Methods. Both should be in every Asbestos Library, 25c per copy.

Recovery of Raw Asbestos. By Roland Starkey. (Reprint) 6 pages. Supplement to Milling Asbestos. 25c per copy.

Canadian Chrysotile Asbestos Classification. Including latest Quebec Testing Method. January 1, 1949 Edition. 4 pages. 25c per copy.

Processing Asbestos Fibres. 8 pages. (Reprint). 25c per copy.

Tests for Cotton Content. 4 pages (Reprint). Describing several methods of testing asbestos textile for cotton content. 10c per copy.

Chart—Dollars Cost of Uninsulated Pipe. (Reprint). 20c each.

Brake Linings of Various Types. By R. T. Halstead. (Reprint). (12 pages) from August, September and October 1949 "ASBESTOS." Price 25c per copy.

Twelve Estimating Tables, with Chart. Convenient in figuring flange fittings and other areas. \$1.00 per set.

Manual of Unit Prices. For figuring pipe covering and blocks. 75c per single copy postpaid. Discount in quantities of 6 or more, postage billed.

Order any of the above from "ASBESTOS", 808 Western Saving Fund Bldg., Philadelphia 7, Pa. Payment should accompany order.

R/M ELECTRICAL INSULATING TAPES



R/M electrical insulating tapes are woven .010", .015", .020" and .025" thick. Every strand of yarn in these tapes, both warp and filling, has a core of Nylon thread. The Nylon core provides more than adequate tensile for coil winding either by machine or by hand. The greater elasticity found in R/M fine tapes produces a snug fit around the sharp bends in motor coils. R/M superior electrical insulating tapes are typical of R/M product development.



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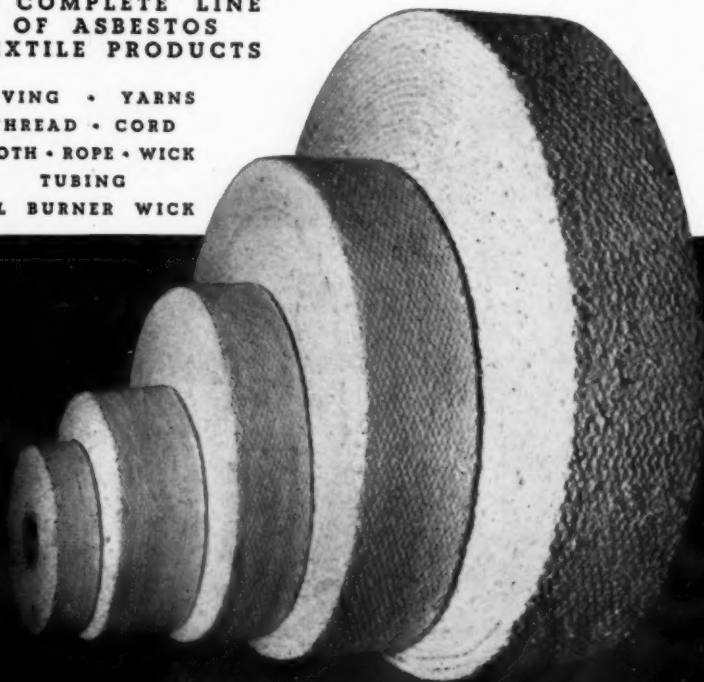
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